

Daniel Alan Barajas Serna

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Software Engineer (Expected Graduation: Dec. 2025) with 1 year of professional experience in full-stack development and a frontend specialization. Passionate about building high-performance (Web Vitals) and SEO-driven web applications. Eager to apply my skills to build interfaces that enhance productivity and user experience.

PROFESSIONAL EXPERIENCE

Local Solution IT

FrontEnd Developer Jr

Nuevo León, México

March 2025 – present

- **Developed** an internal task management platform (Trello-style) to centralize and optimize the team's workflow.
- **Integrated** the Jira API to synchronize data, expanding its native functionalities with custom features tailored to business needs.
- **Implemented** a real-time notification system using WebSockets, instantly alerting users to changes and deadlines.
- **Built** an advanced search module with dynamic filters (by employee, tag, date, due date), significantly reducing task lookup time.
- **Designed** and **executed** a multi-role-based authentication and authorization system (e.g., admin, user, manager), managing module-level permissions.
- **Ensured** a fully responsive (mobile-first) design, guaranteeing consistent usability and user experience across all devices.
- **Optimized** application load performance, improving **Core Web Vitals** metrics (e.g., LCP, FID) through techniques like lazy loading and asset compression.
- **Implemented Technical SEO** best practices (e.g., SSR, sitemaps, dynamic meta tags).

Banorte

Intern

Nuevo León, México

October 2023 – April 2024

- **Developed** an internal **.NET Core** application for account executives, centralizing critical client data (history, credits, mood) to streamline call management.
- **Designed** and **implemented** the data access layer using **Entity Framework (ORM)** against a **SQL Server** database, unifying multiple information sources.
- **Applied SOLID, KISS, and DRY** design principles throughout the application's architecture, ensuring a scalable, modular, and maintainable codebase

EDUCATION

Universidad Autónoma de Nuevo León

Software Engineer

Nuevo León, México

August 2020 – December 2025

SKILLS

Languages: Spanish (Native), English (Advanced)

Technical skills: JS/TS, Vue, React, Nuxt, Next, Node, C# .Net Core, SQL, Git